

Attorney Docket No.: F7752(V)
Serial No.: 10/583,421
Filing Date: June 19, 2006
Confirmation No.: 1710

Amendments to the Claims:

The listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1.(Currently amended): Edible barrier suitable for use in food products, comprising a covalently cross-linked biopolymer selected from the group consisting of sugar beet pectin having chemically attached feruoylated glycerides, ~~chitosan having covalently coupled vanillin groups~~, and chitosan having covalently coupled vanillin groups and chemically attached feruoylated glycerides; and a lipid material, said edible barrier having a thickness of about 2 to 1,500 micrometer wherein said lipid material is an edible oil, fat or wax.

Claim 2 - 5 (Canceled)

Claim 6 (Previously presented): Barrier according to claim 1, having a thickness of about 10 to 500 micrometer.

Claim 7 (Original): Barrier according to claim 6, having a thickness of about 50 to 200 micrometer.

Claim 8 – 10 (Canceled)

Claim 11 (Withdrawn): Composite food product comprising parts having different water activities (aw), separated by the barrier according to claim 1.

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Claim 12 (Withdrawn): Food product comprising an edible barrier according to claim 1, covering a food ingredient selected from the group consisting of vegetables, fruit, bread, and fish.

Claim 13 (Withdrawn): Process for the preparation of a food product, wherein parts having different water activities (aw), are separated by the barrier according to claim 1.

Claim 14 (Withdrawn): Process according to claim 13, wherein the oxidation is carried out by an enzyme or enzymatic system.

Claim 15 (Withdrawn): Process according to claim 14, this enzyme system is already present in situ, e.g. tomato peroxidase in tomatoes.

Claims 16 - 18: Canceled

Claim 19 (New): Edible barrier according to claim 1 wherein the feruoylated glycerides contains glycerol moieties containing one or two fatty acid chains.

Claim 20 (New): Edible barrier according to claim 1 wherein the feruoylated glyceride is made by the reaction of a triglyceride, a ferulate and lipase.

Claim 21 (New): Edible barrier according to claim 1 wherein the lipid material is an edible fat.

Claim 22 (New): Edible barrier according to claim 1 wherein the lipid material is an edible fat selected from the group consisting of sunflower oil, coconut oil, rapeseed oil, olive oil, peanut oil and combinations thereof.

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Claim 23 (New): Edible barrier according to claim 1 wherein the covalently cross-linked biopolymer is chitosan having covalently coupled vanillin groups and chemically attached feruoylated glycerides.

Claim 24 (New): Edible barrier according to claim 1 wherein the covalently cross-linked biopolymer is sugar beet pectin having chemically attached feruoylated glycerides.